

ANPR Software

Cognitechna ANPR

Version: EN20220329

The Cognitechna Automatic Number Plate Recognition (ANPR) SDK is a set of highly optimized low latency license plate detectors and OCR. With advanced deep learning techniques, it achieves extreme accuracy even at high driving speeds, in challenging scenes and difficult lighting conditions.

Exceptional Features

- Highly optimized and low latency detectors, classifiers and OCRs.
- High recognition accuracy: 99+% with constant improvement and training using in-the-field data.
- Country, state or province and plate type recognition. Vanity plates support.
- Reads low-contrast, blurry and dirty license plates.
- Wide range of supported platforms.
- Small size of configuration files.
- Flexible performance - single and multi-thread.
- Seamless integration with support of various programming languages.

Wide Range of Applications

- Traffic surveillance and management
- Law enforcement
 - Speed
 - Red light
 - Weigh-In-Motion
 - Dimensions
 - Bus lanes
 - and many more
- Parking
 - On streets
 - Shopping centers
- Vehicle search
 - Stolen vehicles
 - Vehicles of interest
- Toll collection
- Harbor, train, airport logistics

High Performance



Various angles



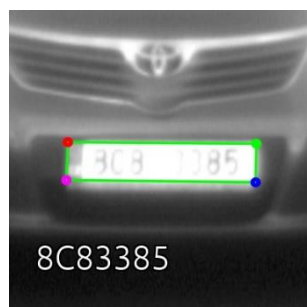
Complex background



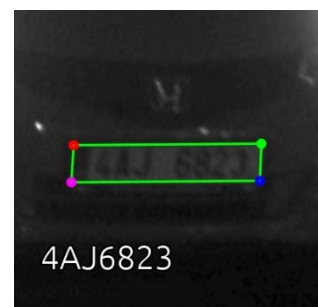
Blurry images



Vanity plates



Overexposed images



Low contrast